

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2005/013785

A. CLASSIFICATION OF SUBJECT MATTER

G11B27/10 G11B27/32 G11B27/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G11B G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and where practical search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	<p>WO 2004/030356 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD; IKEDA, WATARU; HAMASAKA, HIRO) 8 April 2004 (2004-04-08) abstract</p> <p>& EP 1 553 769 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 13 July 2005 (2005-07-13)</p> <p>paragraphs '0001!', '0007!', '0019!', '0024!', '0027!', '0028!', '0033!', '0036!', '0041!', '0075!' - '0078!', '0082!', '0084!' - '0087!', '0129!', '0166!; figures 2,3,5,7,13-16,23,24,45,46,48-50,57,58</p> <p>paragraphs '0176!', '0183!', '0187!', '0193!' - '0205!', '0207!', '0208!', '0213!', '0225!', '0231!', '0235! paragraphs '0269!' - '0272!', '0283!', '0291!</p> <p style="text-align: center;">-/-</p>	1-11



Further documents are listed in the continuation of box C



Patent family members are listed in annex

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

G document member of the same patent family

Date of the actual completion of the international search

4 November 2005

Date of mailing of the international search report

22/11/2005

Name and mailing address of the ISA

European Patent Office, P. B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel (+31-70) 340-2040, Tx 31 651 epo nl.
 Fax: (+31-70) 340-3016

Authorized officer

Bruma, C.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2005/013785

C (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication where appropriate of the relevant passages	Relevant to claim No
P,X	EP 1 513 152 A (DEUTSCHE THOMSON-BRANDT GMBH) 9 March 2005 (2005-03-09) paragraphs '0001!', '0005! - '0009!, '0016!', '0018!', '0024!', '0025!, '0028!; figure 3 -----	1-11
P,X	WO 2005/055206 A (LG ELECTRONIC INC; SEO, KANG SOO; KIM, BYUNG JIN; YOO, JEA YONG) 16 June 2005 (2005-06-16) page 1, lines 9-11 page 2, lines 20,21 page 3, lines 1-5 page 13, lines 9-16 page 18, lines 7-14 -----	1-11
X	US 2002/199205 A1 (SONAWANE NITIN ET AL) 26 December 2002 (2002-12-26) paragraphs '0002!', '0009! - '0013!, '0034!', '0035!', '0037!', '0051! - '0053!', '0055!', '0058! -----	1-11
P,A	EP 1 463 314 A (SAMSUNG ELECTRONICS CO., LTD) 29 September 2004 (2004-09-29) figures 3,5 paragraphs '0037!', '0039!', '0040!', '0053!', '0054! -----	1-11
A	WO 2004/049710 A (SONY CORPORATION; HAMADA, TOSHIYA; KATO, MOTOKI) 10 June 2004 (2004-06-10) abstract & US 2005/105888 A1 (HAMADA TOSHIYA ET AL) 19 May 2005 (2005-05-19) paragraphs '0001!', '0004! - '0007!, '0139!', '0140!', '0143!', '0145!, '0155!', '0219!', '0220!', '0288!; figures 31-35 -----	1-11
A	WO 2004/025651 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD; OKADA, TOMOYUKI; KOZUKA, MASA) 25 March 2004 (2004-03-25) abstract & EP 1 551 027 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 6 July 2005 (2005-07-06) paragraphs '0001!', '0004! - '0008!, '0020!', '0024!', '0044!', '0065!, '0066!', '0268!', '0271! -----	1-11
P,A	WO 2005/036383 A (KONINKLIJKE PHILIPS ELECTRONICS N.V; NEWTON, PHILIP, STEVEN; KELLY, DE) 21 April 2005 (2005-04-21) the whole document -----	1-11
	----- -/--	

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2005/013785

C (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication where appropriate of the relevant passages	Relevant to claim No
A	US 5 644 782 A (YEATES ET AL) 1 July 1997 (1997-07-01) column 1, lines 5-8; figures 2,4 column 3, lines 37-65 column 4, lines 37-64 -----	1-11
A	US 6 604 236 B1 (DRAPER STEPHEN PETER WILLIS ET AL) 5 August 2003 (2003-08-05) paragraphs '0028!', '0030!', '0035!; figures 3,5 -----	1-11

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: -

In independent claim 1, the term "application" used on lines 3 and 11 of page 1 of the claims, which appears to be essential for the definition of the claimed playback apparatus, is not defined, nor is it a term with a well-recognized and precise meaning in the art. Furthermore, the fact that the "application" can be "played back" (as specified on lines 2-3 of page 1 of the claims), as e.g. audio and/or video information can be, and, at the same time, the "application" can "request" a pre-determined unit of the claimed apparatus to perform certain tasks (as specified on line 11 of page 1 of the claims), as e.g. an executable program could request, throws further doubt on the nature of the entity referred to by the said term.

When turning to the description for support, the skilled person finds a definition of the said term, given however in the context of the Blu-ray disc technology, in particular, in the context of the BD-ROM format (lines 11-12 on page 1, lines 4-5 on page 15, lines 7-17 on page 15, lines 7-10 and 17-19 on page 17, lines 16-21 on page 9, lines 17-18 and 27-28 on page 64 of the description). However, the details of the BD-ROM, e.g. the Basic Format Specifications, the File System Specifications and concepts underlying its usage, which are needed by the skilled person to understand and carry out the claimed invention, are not public in the sense of Rule 64.1 PCT.

Therefore the claimed invention is not sufficiently disclosed, contrary to Art. 5 PCT. Hence it is not meaningful to carry out a complete search.

According to the description, line 23 on page 2 to line 16 page 3, the invention is aimed at ensuring the seamless replacement of various information files stored on the local storage, i.e. a hard disk, of a BD-ROM player, when new content is acquired during playback. The search has been restricted to those documents that address the same technical problem.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

International application No
PCT/JP2005/013785

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6 4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest
- ☐ No protest accompanied the payment of additional search fees

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2005/013785

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 2004030356	A	08-04-2004	AU EP	2003268656 A1 1553769 A1	19-04-2004 13-07-2005
EP 1553769	A	13-07-2005	AU WO	2003268656 A1 2004030356 A1	19-04-2004 08-04-2004
EP 1513152	A	09-03-2005	WO	2005022537 A1	10-03-2005
WO 2005055206	A	16-06-2005	US	2005131858 A1	16-06-2005
US 2002199205	A1	26-12-2002	NONE		
EP 1463314	A	29-09-2004	JP US	2004282754 A 2004223726 A1	07-10-2004 11-11-2004
WO 2004049710	A	10-06-2004	US	2005105888 A1	19-05-2005
US 2005105888	A1	19-05-2005	WO	2004049710 A1	10-06-2004
WO 2004025651	A	25-03-2004	AU CA EP	2003264414 A1 2497697 A1 1551027 A1	30-04-2004 25-03-2004 06-07-2005
EP 1551027	A	06-07-2005	AU CA WO	2003264414 A1 2497697 A1 2004025651 A1	30-04-2004 25-03-2004 25-03-2004
WO 2005036383	A	21-04-2005	NONE		
US 5644782	A	01-07-1997	NONE		
US 6604236	B1	05-08-2003	NONE		